

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A driving circuit for a solid-state lighting array comprising:

means for connection of said driving circuit to an incoming direct current power supply;

a plurality of solid-state lighting devices arranged in one series circuit with said means for connection to said direct current power supply;

at least one switchable parallel current path from said means for connection to said direct current power supply to an intermediate point along said one series circuit to form an alternative series circuit;

a first constant current device ~~at least one current regulating device~~ in the driving circuit in connection with said one series circuit for maintaining a first constant current flowing therethrough;

a voltage sensor; and

a control means for controlling a first switch in said switchable parallel current path such that said plurality of solid-state lighting devices may be reconfigured into said alternative series circuit to alter the quantity of lighting devices in said one series circuit in response to changes in the voltage in said one series circuit, wherein said one series circuit and said alternative series circuit are connected in parallel upon said reconfiguration and wherein said one series circuit and said alternative series circuit contain a generally equated load from the lighting device after said reconfiguration such that the currents flowing through each said lighting device are at least substantially identical;

a second constant current device for maintaining a second constant current flowing therethrough; and

a second switch for selectively connecting the second constant current device to said alternative series circuit upon reconfiguration of said plurality of lighting devices.

Claims 2 – 8 (cancelled)

Claim 9 (currently amended): The driving circuit of claim 1 8, wherein the first and second constant current are at least substantially the same.

Claim 10 (new): The driving circuit of claim 1, wherein the second switch is controlled by the control means.